

WEEK 1 ISSUED

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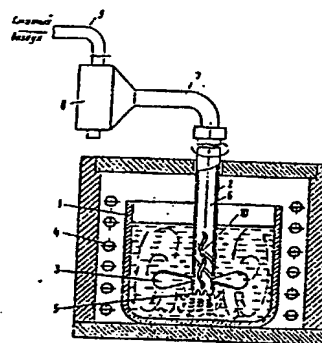
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91-013752/02 L01 BEKE/ 26.05.88
BEKESEVICH YU YA *SU 1544-718-A
26.05.88-SU-430495 (23.02.90) C03B 05/18
Molten glass homogeniser - has spiral blades in hollow shaft of
stirrer directed counter to its rotation sense
C91-006069

Intensified glass melt homogenisation is ensured with vortex stirring
sets in the shape of striplike blades mounted in the bore of the stirrer
shaft close to the nozzles. The direction of turns of the vortex exciter
is opposed to the sense of stirrer rotation.

The molten glass in the vessel (1) is heated by the system (4) and
the glass flows into the bore (6) of the shaft (2) via the nozzles (5). At
the same time, the pneumatic pulsator (8) is fed from the source (9)
of compressed air to pulse the melt in the cavity (6) of the shaft (2).

USE/ADVANTAGE - In glass prodn. The opposed direction of the
vortex generating blades of stirrer to the sense of stirrer rotation
improves stirring action. Bul.7/23.2.90 (3pp Dwg.No. 1/3)



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